Author Index

Abeyasekera, G. 357
Adlerberth, A. 316
Aladjem, D. 262
Alberti, K.G.M.M. 310, 376, 384
Alexander, K. 480
Allen, P.R. 357
Alling, C. 178
Almasio, P.L. 352
Andersen, O. 226
Andersen, S. 22
Angelin, B. 157, 1o9, 391

Bacher, S. 39
Baek, L. 143
Baggio, G. 149
Balavoine, J.-F. 262
Bælland, N. 50
Banatvala, J.E. 217
Barnett, A. 5
Barret, A. 536
Bauer, K. 39
Baum, H.P. 500
Becker, M. 531
Beekhuis, H. 243
Behari, C. 113
Belforte, G. 397
Benchekroun, S. 536
Bensinger, W.I. 50
Bernheim, J. 113
Berstad, A. 428
Bevilacqua, M. 163
Beyer, J. 415
Bihari, D. 352
Bitter-Suermann, D. 500
Blum, A.L. 455, 515
Boberg, M. 28
Böttger, E.C. 500
Bona, B. 397
Boneu, B. 536
Borg, J. 198
Borg Mogensen, N. 211
Breimer, D.D. 321
Brodersen, R. 22
Burgos, H. 486
Burmeister, P. 117

Carlson, L.A. 157
Carlstedt-Duke, B. 11
Cederblad, G. 178
Chalmers, T.C. 455
Chapman, M.J. 329
Charles, P. 277, 433
Charlier, A.A. 461
Chen, J.-S. 361
Chofflon, M. 262
Christensen, N.J. 85, 423
Christiansen, C. 198
Ciabattoni, G. 233
Coelho, J.C.U. 252
Colette, C. 271
Colombani, A. 536
Cravetto, C. 397
Crepaldi, G. 149
Creutzig, A. 480
Creutzig, H. 480
Cruchaud, A. 262

Dagani, R. 163
Danielsen, H. 56, 85
Danielson, B.G. 292
David, F. 113
Day, R.S. 257
Dayer, J.-M. 262
De Gennes, J.-L. 329
De Jong, R. 243
Dennebaum, R. 415, 500
Desoroux, A. 43
Despont, J.-P. 262
Deutsch, E. 455
De Vries, E.G.E. 243
Diener, W. 117
Dieperink, 69, 540
Disler, P.B. 257
Dömötör, L. 248
Döring, G. 143
Douste-Blazy, Ph. 536
Dowling, R.H. 133
van Duijn, W. 321

Eichler, H.G. 39
Einarsson, K. 169, 391
Eisenberg, S. 61
Eriksson, M. 391
Espiner, E. 5
Eychenne, B. 536

Fabian, I. 297
Fahrenkrug, J. 211
Fainaru, M. 61
Fellström, B. 292
Finn Jensen, G. 239
Foidart, J.B. 43
Forsius, H. 78
Forssmann, W.G. 439
Frankenne, F. 50
Franklyn, J.A. 542
Frigeni, G. 163

Gabelli, C. 149
Gasic, S. 39
Gasparotto, A. 149
Gavish, D. 61
Gazit, E. 297
Gelerntner, I. 113
Gerok, W. 117
Gimenez, M. 526
Godtfredsen, J. 124
Göke, B. 519
Gotfredsen, A. 198
Gouma, D.J. 252
Gouttebel, M.C. 271
Grønhøj Larsen, C. 22
Grønhøj Larsen, F. 22
Gross, W.L. 338
Gustafsson, I.-B. 28

Habib, B.R. 461
Hadding, U. 500
Hadházy, P. 248
Haghfelt, T. 1
Hammond, V. 310
Hanet, C. 461
Hansen, H.E. 22
Harley, E. 257
Hasling, C. 433
Hasselgren, P.-O. 316
Hawksby, C.C. 18
Hennen, G. 50
Henriksen, J.H. 211
Henriksen, J.H. 423
Henriquez, A. 526
Hill, P.A. 357
Hirschel, B. 262
Ho, K.-J. 361
Ho, L.-H.C. 361
Hoensch, H.P. 284
Hoffmann, T. 500
Hofmann, A.F. 397
Høiby, N. 143
Holm, S. 124
Hørder, M. 1
Høverstad, T. 11
Howes, L.G. 18
Hsu, S.-C. 361
Hughes, R.D. 352
Hunt, J. 43
Hyltoft Petersen, P. 1

Ihalainen, A. 78
Ikram, H. 5
Imawari, M. 352
Isenberg, J.I. 509
Iversen, J. 193

Jagenburg, T. 316
Janssens, A.R. 321
Jarden, J.O. 124
Jeannet, M. 262
Jensen, T. 56
Johansson, C. 509
Johnson, G.A. 376, 384
Johnston, D.G. 310, 376, 384
Jokela, T. 473
Jørgensen, K.A. 540
Joyeux, H. 271

Kahaly, G. 415
Kameda, K. 184
Kapanci, Y. 262
Karbach, U. 347
Kaukinen, S. 473
Keiding, S. 106
Keim, V. 519
Keller, U. 97
Kemp, E. 69, 540
Keyeux, A. 461
Kharazmi, A. 143, 368
Kinet, J.P. 43, 50
Koch, C.W. 321
Koch-Weser, J. 455
Korn, A. 39
Krause, U. 415
Kristensson-Aas, A. 178
Krøll, L. 1
Kuhl, C. 226

Lang, R. 262
Langley, P.G. 352
Langman, M. 455
Laustiola, K. 473
Lauterburg, B.H. 494
Leiss, O. 531
Leyssac, P.P. 69, 540
Li, Y.F. 252
Lind, E. 292
Lindstedt, G. 316
Lingaas, E. 11
Livesey, J. 5
Ljunghall, S. 292
Luc, G. 329
Lüdemann, G. 338

Madsen, M. 56
Maeda, N. 184
Magnusson, B. 178
Magyar, K. 248
Mahieu, Ph. 43, 50
Manthorpe, R. 91
Manzato, E. 149
Marin, R. 149
Martini, S. 149
Maslowski, A. 5
Meissner, P.N. 257
Menzies, I.S. 217
Mericq, O. 536
Meroni, R. 163
Meuer, S. 415
Midtvedt, T. 11
Millward-Sadler, H. 376, 384
Mitchell, J. 376, 384
Molino, G. 397
Monnier, L.H. 271
Moody, F.G. 252
Moore, M.R. 257
Morabito, S. 233
Mosekilde, L. 277, 433
Mulder, N.H. 243
Muller, W. 415
Murphy, G.M. 133

Nagler, A. 297
Nagy, L. 248
Nicholls, G. 5
Nielsen, H. 368
Nilas, L. 198
Nilsell, K. 169
Noone, C. 217
Norbiato, G. 163
Norén, O. 468
Nørgaard, A. 22
Norin, E. 11

Ohnhaus, E.E. 284
Ørskov, H. 310
Oschry, Y. 61
Oxholm, A. 91
Oxholm, P. 91

Pacovský, V. 35
Paulson, O.B. 124
Pedersen, E.B. 56, 85
Peltonen, L. 78
Pernet, A. 310
Piers, D.A. 243
Pierucci, A. 233
Poincelot, F. 526
Polu, J.M. 526
Pouleur, H. 461
Pugliese, F. 233

Qureshi, Y. 133

Raggi, U. 163
Rameis, H. 39
Rathaus, M. 113

Rechnitzer, C. 368
Řehák, F. 35
Reid, J.L. 18
Rennie, M.J. 97
Reuben, A. 133
Richelsen, B. 302
Ricklis, I. 297
Ring-Larsen, H. 423
Rosen, A. 455
Roux-Lombard, P. 262
Rubio, C. 509
Rummel, W. 347

Sadoul, P. 526
Saint-Aubert, B. 271
Saint-Remy, M. 50
Salo, T. 78
Santoli, C. 163
Saxerholt, H. 11
Schacter, L.P. 204
Schiødt, M. 91
Schiøtz, P.O. 143
Schmidt, K. 338
Schölmerich, J. 117
Schreier, I. 284
Schrczenmeir, J. 415
Schrijen, F. 526
Schweikert, B. 415
Scopes, J.W. 217
Sekiya, M. 184
Seppälä, E. 473
Shapira, J. 113
Sheppard, M.C. 452
Shiga, T. 184
Sie, P. 536
Simonetti, B.M. 233
Sjöström, H. 468
Škrha, J. 35
Smith, C.V. 494
Sørensen, S.S. 56
Spoelstra, P. 321
Šrámková, J. 35
Starklint, H. 69, 540
Staun, M. 468
Staun-Olsen, P. 211
Steinbakk, M. 71
Stevenson, J.C. 357
Strenström, G. 316

Taagehøj Jensen, F. 277
Taggi, F. 233
Tatarsky, I. 297
Teunissen, M.W.E. 321
Thomsen, O.Ø. 56
Thygesen, K. 1
Tjellesen, L. 198
Toccanier, M.-F. 262
Tønnesen, K. 106
Turpin, G. 329
Tygstrup, N. 106, 193, 455

Ullmann, U. 338
Uribe, A. 509

Vago, T. 163
Van Mechelen, H. 461
Vapaatalo, H. 473
Vastano, S. 233
Vessby, B. 28
Vilstrup, H. 193
Voinier, B. 262
Von Bergmann, K. 531
Vorstrup, S. 124

Wallerstedt, S. 178
Weberg, R. 428
Weeda, B. 321
Weisbrodt, N.W. 252
Wikström, B. 292
Wilhelm, A. 262
Williams, R. 352
Winkler, K. 106
Wright, R. 376, 384

Zentgraf, R. 455
Zinkernagel, R.M. 101

Key word index

Academia 455
Acquired immune deficiency syndrome 262
Acromegaly 292
Acute myocardial infarction 1
Adaptative response 271
Adrenaline 310, 423, 473
α_2-adrenoceptors 302
β-adrenoceptor blockade 316
β-adrenoceptors 163, 302
Adrenomedullary deficiency 5
Afterload reduction 124
Age 531
Aggregation (of erythrocytes) 184
AIDS 262
Alcoholic liver disease 284
Alcoholism 178
Alcohol withdrawal 178
Aldosterone 56, 85, 117
Aluminium 428
Amino acids 35
Ampicillin 11
Angiogenesis factor 486
Angiotensin 56
Angiotensin II 85
Ankylosing spondylitis 338
Antacids 428, 515
Antibiotics 11
Anticoagulant therapy 22
Antilipolysis 302
Antipyrine clearance 321
Antipyrine metabolite formation 321
Arginine vasopressin 85
Arterial occlusive disease 480
Arteriosclerosis 149
Ascites 117
β-Aspartylglycine 11
Atriopeptin III 461
Autonomic neuropathy 5

Balance studies 277
Beta adrenoceptor 163, 302
Beta blockers 473
Bile acid absorption 397
Bile acid deconjugation 397
Bile acid metabolism 397
Bile acids 157, 169, 391
Bile acids and salts 397
Biliary lipids 157
Bilirubin (conjugated, total) 11, 361
Blood glucose 35, 310
Blood pressure 85, 124
Blood volume 85
BMC 239
Bone mass 239

C5a 500
Calcitonin 357
Calcium absorption 271, 468
Calcium-binding protein 468
Calcium kinetics 277
Calcium transport 347
Capillary leakage 243
Captopril 124, 540
Cardiac catheterization 423
Cardiopulmonary function 352
Carrier erythrocytes 39
Catecholamine kinetics 423
Catecholamines 85
Catheterization study 211
Cerebral blood flow 124
Chemotaxis 143
Chemotherapy 243
Chenodeoxycholic acid 133, 169, 397
Chenodiol 397
Chest pain 1
Cholesterol 11, 61, 149, 157, 169, 391
Cholesterol saturation 391, 531
Cholestyramine 391
Chondroitinase 292
Chondroitin sulphate 292
Chronic bronchitis 526
Chronic glomerulonephritis 85
Chronic heart failure 124
Ciclosporin 415
Cirrhosis 211
Citric acid 428
Clindamycin 11
Collagenases 78
Collagen synthesis 78
Colon descendens 347
Compartmental models 397
Consumerism 515
Controlled clinical trials 455
Controlled study 415
Cortisol 310
Creatine kinase 1
Creatine kinase B-subunit 1
Crossover trial 515
Cyclosporin A 69, 540
Cystic fibrosis 143

Declaration of Helsinki 455
Declaration of Tokyo 455
Deep vein thrombosis (DVT) 536
Density gradient ultracentrifugation 329
Diabetes 310
Diabetes mellitus 384
Dietary linoleic acid 28
1,25 dihydroxyvitamin D 357
Diphosphonates 433
Diuretics 117
DMPG 18
DNA 509
Drug carriers 39
Drug registration 455
Drug users 262
Dual photon absorptiometry 198
Dyspepsia 515

Endotoxin 143
Enterohepatic circulation 397
Enzyme induction 284
Erythrocytes 39
Erythrocytes (aggregation of) 184
Erythrocytes (Human) 184
Erythrocytes (rouleau of) 184
Ethanol 284
Etidronate 433
Exercise 5, 22, 526
Extracellular volume 85
Ex vivo immunoadsorption 43, 50

Familial combined hyperlipidaemia 61
Familial hypercholesterolaemia 61, 391
Fc-binding capacity 50
Females 302
Fibronectin 352
Fish eye disease 157
Free fatty acids 473
Free water clearance 56
Fulminant hepatic failure 352

Gabexate mesilate 519
Galactose elimination 106
Gall-stone disease 391
Gallstones (cholesterol, black pigment, brown pigment) 133, 361
Gastrointestinal motility 252
Generics 455
Gentamicin 39
Glomerulotubular balance 69, 540
Glucagon 310
Glucose 35
Glucose metabolism 193
β-glucuronidase (human, biliary, bacterial) 361
γ-glutamyl transferase 494
Glutathione efflux 494
Glutathione turnover 494
Glycylglycine 494
Gradient gel electrophoresis 329
Granulation tissue 486
Granulocytes platelets 500
Graves' ophthalmopathy 415
Growth factors 376, 384
Growth substances 486
Guinea-pig 500

Haemodynamic/hormonal response 5
Haemodynamics 423
Haemolysis 178
Heart failure 56
Heparin kinetics 536
Heparin sensitivity 536
Hepatectomy 376, 384
Hepatic hypoxia 106
Hepatic monooxygenase 284
Hepatitis 193
High density lipoproteins 157
Hip fracture 357
Homosexuals 262
Homozygous familial hypercholesterolaemia 329
Human adipocytes 302
Human femoral arteries 248
Human perianeurysmatic myocardium 163
Human serum albumin 22
Human small intestine 468
25 hydroxyvitamin D 357
Hypercalcaemia 433
Hyperlipoproteinaemia 28, 149
Hypoxaemia 106

Immunoadsorbent chromatography 468
Immunoblotting 329
Immunoglobulin 184
Immunoglobulin deposits 91
Indomethacin 248, 540
Industry 455
Insulin 193, 376, 384
Insulin deficiency 310
Insulin receptors 226

Insulin resistance 226
Interleukin-1 262
Intermediary metabolism 376, 384
Intestinal microflora 11
Intestine 509
Intratubular hydrostatic pressure 69
Ion exchange 486
Ischaemia 106
Ischaemic heart disease 1

Kallikrein 233
Keratoconus 78
Ketogenesis 310
Kidney function 56
Klebsiella pneumoniae 338

L-rhamnose 217
Labial mucosa 91
Lactase 217
Lactate:pyruvate ratio 480
Lactose 217
Lactulose 217
Langerhans cells 91
Left ventricular function 461
Legionella 368
Lipolysis 302, 310
Lipoprotein (a) 329
Lipoproteins 149
Liquid and high pressure liquid chromatography 486
Lithium clearance 69, 540
Liver cirrhosis 117
Liver physiology 193
Liver regeneration 376, 384
Liver volume 321
Low-density lipoproteins 329
Lower lip biopsi 91
Lymphadenopathy 262
Lymphocyte response 338

Malaria 204
Males 302
Malignancy 433
Mammary adenocarcinoma 43, 50
MDS patients 297
Methionine 494
Methyl-^{3}H-thymidine 509
Methyl-PGE_2 ($MePGE_2$) 509
Methysergide 252
Metronidazole 11
Mixed-function oxygenase system 321
Monocytes 262
Mucin 11
Mucosal scrapings 509
Muscle tissue PO_2 480

Neovascularization 486
Nephrotoxicity 69, 540
Neutrophil 143
Neutrophil and monocyte chemotaxis 368
Nicotinic acid 391
Nifidipin 540
Non-esterified fatty acids 22
Non-ischaemic heart disease 1
Non-ulcer dyspepsia 515
Noradrenaline 423
Norepinephrine 18, 163,

Obesity 133
Oestrogen deficiency 357
Orange juice 428
Osteoporosis 239, 357
Oxydative phosphorylation 106
Oxygen gradients 106
Oxygen pulse (O_2P) 526
Oxygen supply 106

Pancreas 519
Pancreatic enzymes 519
Pancreatic isoamylase 35
Parathyroid hormone 357
Peptide biodegradation 211
Permeability 217
Persistent generalized lymphadenopathy 262
PGE_2 248, 509
PGI_2 248
Pharmacokinetics 39, 397
Phenoxybenzamine 540
Phospholipid 391
Placenta and amniochorion proteins 486
Plasma 1
Plasma amino acids 316
Plasma lipoproteins 169
Platelet reactivity 28, 473
Prednisone 415
Pregnancy 113, 226
Primary hyperparathyroidism 277
Propoporhyrinogen oxidase 257
Prostacyclin 233, 540
Prostaglandin E_2 113
Prostaglandin E_1 480
Prostaglandin $F_{2\alpha}$ 113
Prostaglandins 262
Protein A 43, 50
P/S ratio 28
Pseudomonas aeruginosa 143
Pulmonary circulation 526
Pulmonary extraction 423

Radioimmunoassay 43
Random allocation 455
Rat 509, 519
Red blood cells 204
Regional bone mineral content 198
Regional bone mineral density 198
Rehydration 433
Renal function 461
Renin 117, 233
Reserve albumin 22
Respiratory dysfunction 500
Reticuloendothelial function 352
$1,25(OH)_2D_3$ 13-cis retinoic acid 297
Retransfusion 117
Rheoscopy 184
Rotaviral enteritis 217
Rouleau (of erythrocytes) 184

Saturation index 133
Serotonin 252
Serum bone-Gla-protein 277
Sex differences 531
Short-chain fatty acids 11
Sickle trait 204
Sjören's syndrome 91
Small bowel resection 271
Smoking 239, 321
Sodium balance 113
Sodium dodecyl sulphate 468
Somatostatin 310
Sponsor bias 455
Stable angina pectoris 1
Stomach 509
Stress 310
Superoxide anion 204
Sympathetic activity 18

Thromboxane 473
Thyroid hormone 316
Total body bone mineral 198
Transcutaneous PO_2 480
Triglycerides 61, 149, 169
Trypsin 11
Trypsin inhibitor 519
Tubular function 69
Tubular occlusion time/transit time 69
Turnover 509

Unstable angina pectoris 1
Uraemia 22, 211
Urinary 292
Urinary excretion of 3-methylhistidine 316
Urolithiasis 292

Variegate porphyria 257
Vasoactive intestinal polypeptide (VIP) 211
Vasopressin 56, 117
Vitamin D 271

Warfarin 22
Weight 239
Weight reduction 133
Wound healing 486

Xenon-133 clearance 480

Contents of Volume 16

Number 1, February 1986

Creatine kinase and creatine kinase B-subunit in stable and unstable angina pectoris
K. Thygesen, M. Hørder, L. Krøll, P. Hyltoft Petersen and T. Haghfelt 1

Haemodynamic and hormonal responses to exercise: Studies in patients with diabetes mellitus and adrenomedullary deficiency
A. Barnett, A. Maslowski, J. Livesey, G. Nicholls, H. Ikram and E. Espiner 5

Influence of peroral antibiotics upon the biotransformatory activity of the intestinal microflora in healthy subjects
T. Midtvedt, B. Carlstedt-Duke, T. Høverstad, E. Lingaas, E. Norin, H. Saxerholt and M. Steinbakk 11

Comparison of plasma 3,4-dihydroxyphenylethylene glycol (DHPG) and norepinephrine levels as indices of sympathetic activity in man
L. G. Howes, C. C. Hawksby and J. L. Reid 18

Warfarin binding to plasma albumin, measured in patients and related to fatty acid concentrations
F. Grønhøj Larsen, C. Grønhøj Larsen, S. Andersen, A. Nørgaard, H. E. Hansen and R. Brodersen 22

High content of dietary linoleic acid does not reduce platelet reactivity in patients with hyperlipoproteinaemia
M. Boberg, I.-B. *Gustafsson and B. Vessby* 28

Serum isoamylase activities during infusions of glucose and amino acids
J. Škrha, J. Šrámková, F. Řehák and V. Pacovský 35

Survival of gentamicin-loaded carrier erythrocytes in healthy human volunteers
H. G. Eichler, H. Rameis, K. Bauer, A. Korn, S. Bacher and S. Gasić 39

***Ex vivo* perfusion of plasma over protein A columns in human mammary adenocarcinoma. Evidence for a protein A leaking by radioimmunoassay**
J. P. Kinet, J. Hunt, J. B. Foidart, A. Desoroux and P. Mahieu 43

***Ex vivo* perfusion of plasma over protein A columns in human mammary adenocarcinoma. Role of the Fc-binding capacity of protein A in the side effects and the tumoricidal response**
J. P. Kinet, W. I. Bensinger, N. Balland, M. Saint-Remy, F. Frankenne, G. Hennen and P. Mahieu 50

Angiotensin II, aldosterone and arginine vasopressin in plasma in congestive heart failure
E. B. Pedersen, H. Danielsen, T. Jensen, M. Madsen, S. S. Sørensen and O. Ø. Thomsen 56

Change in very low-, low-, and high-density lipoproteins during lipid lowering (bezafibrate) therapy: studies in type IIA and type IIB hyperlipoproteinaemia
D. Gavish, Y. Oschry, M. Fainaru and S. Eisenberg 61

Nephrotoxicity of cyclosporin A. A lithium clearance and micropuncture study in rats
H. Dieperink, P. P. Leyssac, H. Starklint and E. Kemp 69

Increase in type I and type IV collagenolytic activity in primary cultures of keratonconus cornea
A. Ihalainen, T. Salo, H. Forsius and L. Peltonen 78

Relationship of angiotensin II, aldosterone, arginine vasopressin, adrenaline and noradrenaline in plasma, blood and extracellular volumes to blood pressure in chronic glomerulonephritis
H. Danielsen, E. B. Pedersen and N. J. Christensen 85

Immunoglobulin deposits in labial mucosal epithelium of patients suspected of Sjögren's syndrome
P. Oxholm, R. Manthorpe, A. Oxholm and M. Schiødt 91

Number 2, April 1986

Editorial: Stable isotopes in clinical research
U. Keller and M. J. Rennie 97

Editorial: Major histocompatibility gene complex-disease associations may reflect T cell-mediated immunopathology
R. M. Zinkernagel 101

Effect of short lasting hypoxia on the metabolic function of the perfused pig liver. Comparison of ischaemic and hypoxaemic hypoxia
K. Winkler, S. Keiding, K. Tønnesen and N. Tygstrup 106

Renal prostaglandins E_2 and $F_{2\alpha}$ throughout normal human pregnancy
J. Bernheim, J. Shapira, F. David, C. Behari, I. Gelerntner and M. Rathaus 113

Renin, aldosterone and arginine vasopressin in patients with liver cirrhosis: the influence of ascites retransfusion
P. Burmeister, J. Schölmerich, W. Diener and W. Gerok 117

Effect of captopril on the cerebral circulation in chronic heart failure
O. B. Paulson, J. O. Jarden, S. Vorstrup, S. Holm and J. Godtfredsen 124

Effect of obesity and weight reduction on biliary cholesterol saturation and the response to chenodeoxycholic acid
A Reuben, Y. Qureshi, G. M. Murphy and R. H. Dowling 133

Demonstration of neutrophil chemotactic activity in the sputum of cystic fibrosis patients with *Pseudomonas aeruginosa* infection
A. Kharazmi, P. O. Schiøtz, N. Høiby, L. Baek and G. Döring 143

Lipoprotein modifications during dietary treatment in patients with primary type V hyperlipoproteinaemia
E. Manzato, R. Marin, A. Gasparotto, G. Baggio, S. Martini, C. Gabelli and G. Crepaldi 149

Bile acids and plasma high density lipoproteins: biliary lipid metabolism in fish eye disease
Bo Angelin and Lars A. Carlson 157

Alterations in norepinephrine content and beta adrenoceptor regulation in myocardium bordering aneurysm in human heart: their possible role in the genesis of ventricular tachycardia
M. Bevilacqua, G. Norbiato, T. Vago, R. Meroni, R. Dagani, U. Raggi, G. Frigeni and C. Santoli 163

Ursodeoxycholic acid treatment in humans: effects on plasma and biliary lipid metabolism with special reference to very low density lipoprotein triglyceride and bile acid kinetics
Bo Angelin, Klas Nilsell and Kurt Einarsson 169

Haematological findings in chronic alcoholics after heavy drinking with special reference to haemolysis
Aud Kristensson-Aas, Sven Wallerstedt, Christer Alling, Gitten Cederblad and Bengt Magnusson 178

Effect of immunoglobulin preparations on the aggregation of human erythrocytes
Nobuji Maeda, Misuzu Sekiya, Kenji Kameda and Takeshi Shiga 184

Number 3, June 1986

Glucoregulation in acute liver failure
H. Vilstrup, J. Iversen and N. Tygstrup 193

Representativity of regional to total bone mineral in healthy subjects and 'anticonvulsive treated' epileptic patients. Measurements by single and dual photon absorptiometry
A. Gotfredsen, J. Borg, L. Nilas, L. Tjellesen and C. Christiansen 198

Generation of superoxide anion and hydrogen peroxide by erythrocytes from individuals with sickle trait or normal haemoglobin
L. P. Schacter 204

Circulating endogenous vasoactive intestinal polypeptide (VIP) in patients with uraemia and liver cirrhosis
J. H. Henriksen, P. Staun-Olsen, N. Borg Mogensen and J. Fahrenkrug 211

Intestinal permeability and lactose hydrolysis in human rotaviral gastroenteritis assessed simultaneously by non-invasive differential sugar permeation
C. Noone, I. S. Menzies, J. E. Banatvala and J. W. Scopes 217

Insulin receptor binding to monocytes and erythrocytes during normal human pregnancy
O. Andersen and C. Kuhl 226

Effect of prostacyclin on renal kallikrein release in man
A. Pierucci, B. M. Simonetti, G. Ciabattoni, F. Taggi, S. Morabito, S. Vastano and F. Pugliese 233

Osteoporosis of the slender smoker revisited by epidemiologic approach
G. Finn Jensen 239

Evidence for capillary leakage during chemotherapy in man
E. G. E. de Vries, H. Beekhuis, R. de Jong, N. H. Mulder and D. A. Piers 243

Effects of indomethacin, prostaglandins E_2 and I_2 on the tone of human isolated femoral arteries
P. Hadházy, L. Nagy, L. Dömötör and K. Magyar 248

Serotonin increases the velocity of propagation and frequency of the migrating myoelectric complexes
J. C. U. Coelho, D. J. Gouma, F. G. Moody, Y. F. Li and N. W. Weisbrodt 252

Protoporphyrinogen oxidase and porphobilinogen deaminase in variegate porphyria
P. N. Meissner, R. S. Day, M. R. Moore, P. B. Disler and E. Harley 257

Altered functions of peripheral blood monocytes in homosexual males and intravenous drug users with persistent generalized lymphadenopathy
P. Roux, D. Aladjem, J.-F. Balavoine, M. Chofflon, J.-P. Despont, B. Hirschel, M. Jeannet, Y. Kapanci, R. Lang, M.-F. Toccanier, B. Voinier, A. Wilhelm, J.-M. Dayer and A. Cruchaud 262

Number 4, August 1986

Calcium absorption following small bowel resection in man. Evidence for an adaptive response
C. Colette, M. C. Gouttebel, L. H. Monnier, B. Saint-Aubert and H. Joyeux 271

Primary hyperparathyroidism: evaluated by ^{47}Calcium kinetics, calcium balance and serum bone-Gla-protein
P. Charles, L. Mosekilde and F. Taagehøj Jensen 277

Inducing efficacy of ethanol on hepatic drug metabolizing enzymes in patients
H. P. Hoensch, I. Schreier and E. E. Ohnhaus 284

Enzymatic determination of urinary chondroitin sulphate: applications in renal stone disease and acromegaly
B. Fellström, B. G. Danielson, E. Lind, S. Ljunghall and B. Wikström 292

Differentiation of bone marrow cells from myelodysplastic patients in the presence of 1,25 dihydroxyvitamin D_3 or 13-cis retinoic acid
A. Nagler, I. Ricklis, E. Gazit, I. Tatarsky and I. Fabian 297

Increased α_2- but similar ß-adrenergic receptor activities in subcutaneous gluteal adipocytes from females compared with males
B. Richelsen 302

Interactions of stress hormones on lipid and carbohydrate metabolism in man with partial insulin deficiency
A. Pernet, D. G. Johnston, V. Hammond, H. Ørskow and K. G. M. M. Alberti 310

Effects of thyroid hormone and ß-adrenoceptor blocking agents on urinary excretion of 3-methylhistidine and plasma amino acids in man
A. Adlerberth, T. Jagenburg, G. Lindstedt, G. Stenström and P.-O. Hasselgren 316

Antipyrine clearance and metabolite formation: the influence of liver volume and smoking
P. Spoelstra, M. W. E. Teunissen, A. R. Janssens, B. Weeda, W. van Duijn, C. W. Koch and D. D. Breimer 321

Number 5, October 1986

A study of the structural heterogeneity of low-density lipoproteins in two patients homozygous for familial hypercholesterolaemia, one of phenotype E2/2
G. Luc, M. J. Chapman, J.-L. De Gennes and G. Turpin 329

Lymphocyte response to *Klebsiella* in ankylosing spondylitis
W. L. Gross, G. Lüdemann, K. Schmidt and U. Ullmann 338

Trans- and paracellular calcium transport across the colonic mucosa after short- and long-term treatment with 1,25-dihydroxyvitamin D_3
U. Karbach and W. Rummel 347

Fibronectin replacement in patients with fulminant hepatic failure
R. D. Hughes, M. Imawari, D. Bihari, P. L. Almasio, P. G. Langley and R. Williams 352

Osteoporosis with hip fracture: changes in calcium regulating hormones
J. C. Stevenson, P. R. Allen, G. Abeyasekera and P. A. Hill 357

Human biliary β-glucuronidase: correlation of its activity with deconjugation of bilirubin in the bile
K.-J. Ho, S.-C. Hsu, J.-S, Chen and L-H.C. Ho 361

Effects of *Legionella pneumophila* sonicate on human neutrophil granulocytes and monocyte chemotaxis
C. Rechnitzer, A. Kharazmi and H. Nielsen 368

Hepatic regeneration and metabolism after partial hepatectomy in normal rats: effects of insulin therapy
D. G. Johnston, G. A. Johnston, K. G. M. M. Alberti, H. Millward-Sadler, J. Mitchell and R. Wright 376

Hepatic regeneration and metabolism after partial hepatectomy in diabetic rats: effects of insulin therapy
D. G. Johnston, G. A. Johnston, K. G. M. M. Alberti, H. Millward-Sadler, J. Mitchell and R. Wright 384

Combined treatment with cholestyramine and nicotinic acid in heterozygous familial hypercholesterolaemia: effects on biliary lipid composition
B. Angelin, M. Eriksson and K. Einarsson 391

Simulation of the metabolism and enterohepatic circulation of endogenous chenodeoxycholic acid in man using a physiological pharmacokinetic model
G. Molino, A. F. Hofmann, C. Cravetto, G. Belforte and B. Bona 397

Ciclosporin and prednisone *v.* prednisone in treatment of Graves' opthalmopathy: a controlled, randomized and prospective study
G. Kahaly, J. Schrezenmeir, U. Krause, B. Schweikert, S. Meuer, W. Muller, R. Dennebaum and J. Beyer 415

Pulmonary extraction of circulating noradrenaline in man
J. H. Henriksen, N. J. Christensen and H. Ring-Larsen 423

Gastrointestinal absorption of aluminium from single doses of aluminium containing antacids in man
R. Weberg and A. Berstad 428

Etidronate disodium for treating hypercalcaemia of malignancy: a double blind, placebo-controlled study
C. Hasling, P. Charles and L. Mosekilde 433

Number 6, December 1986

Cardiac hormones. I. Review on the morphology, biochemistry and molecular biology of the endocrine heart
W. G. Forssmann 439

Regulation of TSH gene transcription
Jayne A. Franklyn and M. C. Sheppard 452

Differing attitudes of industry and academia towards controlled clinical trials
A. L. Blum, T. C. Chalmers, E. Deutsch, J. Koch-Weser, M. Langman, A. Rosen, N. Tygstrup and R. Zentgraf 455

Effects of atriopeptin III on renal function, regional blood flows and left ventricular function in conscious dogs in presence or absence of hypovolaemia
B. R. Habib, C. Hanet, H. Van Mechelen, A. Keyeux, A. A. Charlier and H. Pouleur 461

Calcium-binding protein from human small intestine. Purification and characterization of a 10 000 molecular weight protein
M. Staun, H. Sjöström and O. Norén 468

Adrenaline infusion evokes increased thromboxane B_2 production by platelets in healthy men: the effect of beta-adrenoceptor blockade
K. Laustiola, S. Kautinen, E. Seppälä, T. Jokela and H. Vapaatalo 473

Effects of intra-arterial prostaglandin E_1 in patients with peripheral arterial occlusive disease
A. Creutzig, H. Creutzig and K. Alexander 480

Angiogenic factor from human term placenta. Purification and partial characterization
H. Burgos 486

Stimulation of hepatic efflux and turnover of glutathione by methionine in the rat
B. H. Lauterburg and C. V. Smith 494

Evaluation of low dose anaphylatoxic peptides in the pathogenesis of the adult respiratory distress syndrome (ARDS). Monitoring of early C5a effects in a guinea-pig *in vivo* model after i.v. application
T. Hoffmann, E. C. Böttger, H. P. Baum, R. Dennebaum, U. Hadding and D. Bitter-Suermann 500

Effect of oral prostaglandin E_2 on DNA turnover in gastric and intestinal epithelia of the rat
C. Johansson, A. Uribe, C. Rubio and J. I. Isenberg 509

Why do dyspeptic patients prefer one liquid antacid to another?
A. L. Blum 515

Pancreatic secretion in the rat influenced by the low molecular weight serine proteinase inhibitor Gabexate mesilate
V. Keim and B. Göke 519

Maximal oxygen consumption and pulmonary circulation in patients with chronic bronchitis
A. Henriquez, F. Schrijen, F. Poincelot, M. Gimenez, J. M. Polu and P. Sadoul 526

Biliary cholesterol saturation in non-obese women and non-obese men before and after puberty
K. Von Bergmann, M. Becker and O. Leiss 531

Heparin half-life and sensitivity in normal subjects and in patients affected by deep vein thrombosis
S. Benchekroun, B. Eychenne, O. Mericq, A. Colombani, Ph Douste-Blazy, A. Barret, P. Sie and B. Boneu 536

Antagionist capacities of nifedipine, captopril, phenoxybenzamine, prostacyclin and indomethacin on cyclosporin A induced impairment of rat renal function
H. Dieperink, P. Leyssac, H. Starklint, K. A. Jørgensen and E. Kemp 540

Editorial Acknowledgment 549

Author Index 551

Key Work Index 553